

Date: Wed, 26 Jan 94 10:07:39 PST  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V94 #14  
To: Ham-Digital

Ham-Digital Digest                      Wed, 26 Jan 94                      Volume 94 : Issue    14

## Today's Topics:

(none)

AFSK with TEKK Data Radios ?

APLINK ftp site ?

BPQ 407a ? ftp site?

Can 9600 baud TNCS autobaud?

Data about Repeaters

Global Alert

How to drive a Baycom with a Sun SparcStation

Ka9q for windows (3 mgs)

Notebook interference to HT?

PK-88 mailbox, can it forward mail to other stations?

PK900 & SSTV

Q: Monicor, Inc. -- Software ???

Robot file format question

Scheme of G3RUH FSK modem; HELP me

topten digital slogans

Want TCP/IP for Macintosh

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 25 Jan 94 13:25:42 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: (none)  
To: ham-digital@ucsd.edu

help

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Date: 20 Jan 1994 17:56:38 GMT  
From: darwin.sura.net!howland.reston.ans.net!usenet.ins.cwru.edu!  
cleveland.Freenet.Edu!dq528@seismo.css.gov  
Subject: AFSK with TEKK Data Radios ?  
To: ham-digital@ucsd.edu

Earlier there was some chatter on this newsgroup about TEKK's  
data/telemetry radios. Are these radios suitable for use with AFSK  
modulation? Specifically the TI TCM3105 modem chip. Has anyone done  
this?

thanks,  
Bret

--

Bret Berger	dq528@cleveland.freenet.edu	
KB7EGU	216.467.0965 FAX 216.467.3580	
Engineer	6527 Deerfield Drive, Suite 303	
StoneFly Technology	Sagamore Hills, OH 44067-3108	

-----  
Date: Tue, 25 Jan 1994 10:25:01 GMT  
From: Germany.EU.net!thoth.mch.sni.de!news.sni.de!kassel!nessos!schro@uunet.uu.net  
Subject: APLINK ftp site ?  
To: ham-digital@ucsd.edu

I'm looking for the APLINK program.  
Is it available via ftp ?

tnx es 73 de Django  
DL5YEC

-----  
Date: 24 Jan 1994 02:34:50 GMT  
From: juniper.almaden.ibm.com!enge.almaden.ibm.com!enge@uunet.uu.net  
Subject: BPQ 407a ? ftp site?  
To: ham-digital@ucsd.edu

I just loaded it to ucsd.edu in hamradio/packet/tcpip/incoming and to  
kilroy.jpl.nasa.gov in pub/incoming. The file is BPQ407A.ZIP

Roy Engehausen, AA4RE  
enge@almaden.ibm.com

-----  
Date: 24 Jan 94 15:14:36 -0600  
From: news.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!  
cs.utexas.edu!sdd.hp.com!saimiri.primate.wisc.edu!news.doit.wisc.edu!uwec.edu!  
whitemp@network.ucsd.edu  
Subject: Can 9600 baud TNCS autobaud?  
To: ham-digital@ucsd.edu

Quick question:

Do 9600 baud packet TNCs 'autobaud?' Can a fellow connect to them  
with a 1200 baud tnc?

Thanks-  
Mike White  
N9UXC  
whitemp@cnsvox.uwec.edu  
n9uxc@bboscfl.#cfl.wi.na.usa

-----  
Date: Thu, 20 Jan 1994 16:29:47 GMT  
From: darwin.sura.net!howland.reston.ans.net!torn!nott!cunews!freenet.carleton.ca!  
FreeNet.Carleton.CA!ab154@seismo.css.gov  
Subject: Data about Repeaters  
To: ham-digital@ucsd.edu

Hello to all Hams:

My name is Bryan Parlee, VE3BKP, a native of Ontario and a temporary resident of Nova Scotia, Canada. I am attending the College of Geographic Sciences and as an Amateur Operator (although only 8months with my ticket) I am looking for some data. My career and study area deals with spatial mapping, satellite imagery, computer modelling and so on. This industry area is known as Geomatics. I am intending to construct/design a Communications Database/Mapping system using existing GIS software like SPANS or ARC/INFO. What is missing however, are known sources of informations/data for Ontario repeaters. I have a list of the actual repaters, call, input, and output...but I would like to go deeper than that with data such as wattage, RX range, Transmission radius, location coordinates, packet linkage info, and functions available.

Does anyone know of such a source or perhaps a contact that could provide such information??

My e-mail address is gis308@cogs.ns.ca

....73's and Thanx , Bryan (VE3BKP)

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Date: Tue, 25 Jan 1994 18:52:11 GMT  
From: agate!netsys!direct!indirect.com!nu7i@network.ucsd.edu  
Subject: Global Alert  
To: ham-digital@ucsd.edu

Hey! If you don't like what you see, use the killfile. You don't have the right to try to get him kicked off his system. 73

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Member: National Federation of the Blind  
"Proud, Angry, and Strong" -- Jennifer Restle  
(The complete information access agenda - You print it you braille it too!)

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Date: Mon, 24 Jan 1994 17:18:20 GMT  
From: newsflash.concordia.ca!sifon!clouso.crim.ca!hobbit.ireq.hydro.qc.ca!barde!vaillan@uunet.uu.net  
Subject: How to drive a Baycom with a Sun SparcStation  
To: ham-digital@ucsd.edu

I would like to connect a Baycom tnc (modem) to the RS232 port of my Sun computer. Which software should I use. I would like to be able to reach local packet BBS with it.

73,  
Clem.

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Clement Vaillancourt,		Institut de Recherche d'Hydro-Quebec
Analyste,		Varenes, P. Quebec, Canada, J3X 1S1
Informatique scientifique		Tel:+1 514 652 8238 Fax:+1 514 652 8309
vaillan@ireq.hydro.qc.ca		Radio-amateur: VE2HQJ@VE2CRL.PQ.CAN.NA

-----  
Date: Mon, 24 Jan 1994 17:07:28 GMT  
From: uchdcc!dcc.uchile.cl!ereimber@uunet.uu.net  
Subject: Ka9q for windows  
To: ham-digital@ucsd.edu

Hi!.

Recently, I asked if there is a version of ka9q for windows. here are some answers:

THERE IS NO KA9Q.

The versions of Ka9q will not run under a DOS box in Windows, but there are some patches that will help you.

There is also a software called Trumped Winsock that implements TCP/IP in windows.

Thanks to everyone who answered me.

Erich Reimberg N.

-----  
Date: 25 Jan 94 14:29:18 GMT

From: noc.near.net!news.delphi.com!BIX.com!jsloman@uunet.uu.net

Subject: Ka9q for windows

To: ham-digital@ucsd.edu

ereimber@dcc.uchile.cl (Erich Reimberg N.) writes:

>Hi!.

> Recently, I asked if there is a version of ka9q for windows. here  
>are some answers:

> THERE IS NO KA9Q.

> The versions of Ka9q will not run under a DOS box in Windows, but  
> there are some patches that will help you.

> There is also a software called Trumped Winsock that implements  
> TCP/IP in windows.

>Thanks to everyone who answered me.

> Erich Reimberg N.

JNOS version 1.07b or later WILL run in a Window happily.

You can find it on UCSD.EDU and many other FTP sites.

Do an archie search on "JNOS" for more options.

--

Jeff Sloman

N1EW0

-----  
Date: Mon, 24 Jan 1994 18:56:56 GMT

From: wang!djenkins@uunet.uu.net

Subject: Ka9q for windows  
To: ham-digital@ucsd.edu

ereimber@dcc.uchile.cl (Erich Reimberg N.) writes:

> THERE IS NO KA9Q [for windows].  
> The versions of Ka9q will not run under a DOS box in Windows, but  
> there are some patches that will help you.

Now I'm confused. I have been running PA0GRI's version of KA9Q's NOS in a DOS window under Windows(tm) for a month now. It works like a charm. I leave it running while my daughter uses Write, Paintbrush, games, etc...

Sometimes I even run PCelm in a second DOS window and use a Windows based freeware emacs rip-off to edit mail and replies.

I am only running a 16MHz 386SX with 8Meg and a VGA monitor.

I haven't tried Phil's latest one from Mecca under Windows, but, I imagine it would work the same. While the L&G (Latest and Greatest) from KA9Q himself doesn't have some of the features of JNOS, MFNOS, GRINOS, etc, etc, etc, it does have an on screen unACK'd frame counter and a separate session for trace stuff.

>Thanks to everyone who answered me.  
You're quite welcome. For the benefit of others, here is what I sent Erich last week:

| I don't know if there is one FOR windows. I doubt it. On ucsd.edu is a  
| file /hamradio/packet/tcpip/mswin/mswinnos.zip. It contains some notes and  
| a .PIF file that will allow NOS to run in a DOS window under Windows(tm).  
| It works quite well.  
|  
| This will NOT work with the BayCom style modems. They put too much load on  
| the system to be able to run under Windows.

73, Dave, n1mxv

--

David E. Jenkins	Home: (508) 632-4164	Wang Labs, Inc.
52 Norman Street	Work: (508) 967-7284	M/S 014-690
Gardner, MA 01440-1916	Fax: (508) 967-2212	1 Industrial Ave.
Packet: n1mxv@wa1phy.ma	e-mail: djenkins@wang.com	Lowell, MA 01851

-----  
Date: Mon, 24 Jan 1994 00:42:06 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!darwin.sura.net!

news.Vanderbilt.Edu!news@network.ucsd.edu  
Subject: Notebook interference to HT?  
To: ham-digital@ucsd.edu

I am successfully running a packet station using a Gateway 386/25 and a KPC-3 and a Realistic HTX-202. I have recently tried the same configuration except using a Compudyne 396SXL notebook computer. When using this computer, I get so much interference on the HT that I can not even squelch it out. I have tried several different antennas but it was no help. What can you recommend I do to make this a usable packet setup?

Thanks...Win (KE4IHG)  
heagyws@ctrivax.vanderbilt.edu

-----  
Date: Sun, 23 Jan 1994 22:09:59 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!  
milo.mcs.anl.gov!ANLVM.CTD.ANL.GOV!B10990@network.ucsd.edu  
Subject: PK-88 mailbox, can it forward mail to other stations?  
To: ham-digital@ucsd.edu

I have a PK-88 set up to forward mail to my home bbs. It will not do so unless polled by that bbs, however. I think that is part of a firmware upgrade, so if your friend has an older model that has not been upgraded, it may not have the capability. Also, the PK-88 will not accept hierarchical addressing for outbound mail. --Gary, K9CZB

-----  
Date: 24 Jan 1994 16:19:30 GMT  
From: usc!howland.reston.ans.net!noc.near.net!jericho.mc.com!fugu!  
levine@network.ucsd.edu  
Subject: PK900 & SSTV  
To: ham-digital@ucsd.edu

The manual discusses SSTV but I have seen no programs around supporting SSTV rx/tx for the unit.

Anyone know of one?

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-----FTAC
Bob Levine   KD1GG 7J1AIS VK2GYN           formerly KA1JFP
levine@mc.com  <--Internet email   Phone(508) 256-1300 x247
kd1gg@walphy.ma <--Packet Mail     FAX(508) 256-3599
-----

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Date: Tue, 25 Jan 1994 20:24:46 GMT
From: pagesat.net!olivea!sgigate.sgi.com!sgiblab!swrinde!cs.utexas.edu!
howland.reston.ans.net!usenet.ins.cwru.edu!eff!news.kei.com!yeshua.marcam.com!
zip.eecs.umich.edu!umn.edu!@news.cerf.net
Subject: Q: Monicor, Inc. -- Software ???
To: ham-digital@ucsd.edu

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I was wondering if anyone has had experience designing software for a radio frequency modem from Monicor in Florida. I've been assigned the daunting task of developing software to route up to 16 separate links from handheld radios on a plant floor and a mainframe.

I anticipate using a 386 or 486 running DOS as the router and I would like to see/hear what others have done in this arena. Specifically

- What data structure, functions, and exceptions NEED to be available?
- What is the best way to control the UART in the PC?
- What time division routines can be used knowing my hardware constraints?
- Is there any C or C++ shareware out there I can use?

please respond via email

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--
Charles A. Jaeger, B.S. CpE           612/890-5660 or 612/890-5696
Computer Engineer                     jaeger@sunrayce.solar.umn.edu
Burnsville, MN                       cjaeger@gellersen.valpo.edu

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-----
Date: Wed, 26 Jan 1994 10:03:54 GMT
From: sdd.hp.com!cs.utexas.edu!howland.reston.ans.net!pipex!uknet!doc.ic.ac.uk!
pinky.shu.ac.uk!cms-2.shu.ac.uk!mfitzgib@decwrl.dec.com
Subject: Robot file format question
To: ham-digital@ucsd.edu

```

I have a friend who is trying to find a way to convert robot \*.hmz (hmz or something like that!] to gif pcx etc.... is there any software for doing this?



anyone know what the file format for the robot is?

Mick G8VHB

-----  
Date: 24 Jan 1994 07:16:32 GMT  
From: saimiri.primate.wisc.edu!caen!nigel.msen.com!usenet.ins.cwru.edu!  
howland.reston.ans.net!pipex!sunic!trane.uninett.no!news.eunet.no!nuug!  
news.eunet.fi!news.spb.su!KremlSun!@sdd.hp.com  
Subject: Scheme of G3RUH FSK modem; HELP me  
To: ham-digital@ucsd.edu

Hello ALL

I'am looking for scheme, diagrams, description on 9600 G3RUH FSK  
modem (not TAPR, K9NG). If you can to help, PSE let me know.

TNX in advance, 73! Victor RX3DIN; ex: UV3DIN

-----  
Date: 24 Jan 1994 22:19:55 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!cs.utexas.edu!convex!  
tonyp@network.ucsd.edu  
Subject: topten digital slogans  
To: ham-digital@ucsd.edu

TOP-TEN SLOGANS FOR DIGITAL MODE - by WA2EAA

- 
17. "FECing" is OK, but I prefer "Masterstation".
  16. Take TNC (you're old if you "get" this).
  15. Just the FAX, ma'am.
  14. COMPRESSED PACKET runs 8-level code. You can KISS ASCII.
  13. I FEC'd for hours, but my contact never came.
  12. You bet your ASCII I run digital mode!
  11. "QRL?" the frequency first: Practice safe FECs.
  10. AMTOR is just a baby-SITOR. (bah-dump!)
  9. Reach out & FEC someone.
  8. DIGITAL MODE: It's a kick in the ASCII!
  7. AMTOR: It's FEC'n fun!
  6. Noah's ARQ.
  5. In AMTOR it takes two to perform "Masterstation".
  4. FEC until you're ARQ'd.
  3. I can't decode 7-level, so you'd better byte my ASCII.
  2. Keep on FEC'n (tie-dyed shirt seen at a 'Dead concert).

and the number 1 slogan

1. Put your TNC in loopback, and FEC yourself!

-...-

(Last night 40-meters was QRN-city and I had nothing better to do)

--

Tony J. Podrasky | What's this thing?  
San Diego , Ca | It's called a MODEM.  
tonyp@convex.com | And what's this button for?  
WA2EAA NNNN ZCZC | Whatever you do don't touc{{{7bh6x!{@%hxbd&\$#)\$% NO CARRIER

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Date: 24 Jan 1994 15:07:42 GMT  
From: usc!howland.reston.ans.net!vixen.cso.uiuc.edu!ux1.cso.uiuc.edu!  
rtaylor@network.ucsd.edu  
Subject: Want TCP/IP for Macintosh  
To: ham-digital@ucsd.edu

Kenneth.E.Harker@Dartmouth.Edu (Kenneth E. Harker) writes:

> I am interested in getting the TCP/IP software that is available  
>for Macintosh. Is there an ftp site somewhere with this on it?  
> Also, has there been any work done on using the newer Macs'  
>Geoports? Using the DSP chip on the AV macs' motherboards? I'd be  
>very interested in that, as my new deck is an AV.  
> 73's to all...

NCSA telnet can be acquired from the National Center for  
Supercomputing Applications at the University of ILL. It  
can be downloaded from there on Internet, but I don't know  
where the files are. Contact them.

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End of Ham-Digital Digest V94 #14  
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